

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/014340

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G07C3/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ G07C3/08, F16T1/00-1/48, G01M3/24

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-140745 A (Kabushiki Kaisha Teierubui), 17 May, 2002 (17.05.02), Full text; Figs. 1 to 7 & US 2002-52716 A1 & EP 1203910 A	1-9
A	JP 2003-131708 A (Kabushiki Kaisha Teierubui), 09 May, 2003 (09.05.03), Full text; Figs. 1 to 6 (Family: none)	1-9
A	JP 2000-35378 A (Miyawaki Inc.), 02 February, 2000 (02.02.00), Full text; Figs. 1 to 9 (Family: none)	1-9

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
22 December, 2004 (22.12.04)

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18 January, 2005 (18.01.05)

Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 6-300186 A (Kabushiki Kaisha Teierubui), 28 October, 1994 (28.10.94), Full text; Figs. 1 to 7 (Family: none)	1-9
A	JP 2003-130289 A (Kabushiki Kaisha Teierubui), 08 May, 2003 (08.05.03), Full text; Figs. 1 to 9 (Family: none)	1-9